ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

Product Name	Sodium Citrate (Trisodium Citrate Dihydrate) / E331	**Grade**	Pure
CAS No.	6132-04-3	**Formula**	Na3C6H5O7·2H2O
Batch No.	1026	**Mol. Weight**	294.10
Mfg. Date	Oct-2026	**Exp. Date**	Sep-2030
Packed by	ASES Chemical Works (Packager)	**Date of Issue**	Nov-2026

RESULT OF ANALYSIS

Sr.	Test	Specification	Result
1	Description	White powder; odourless	Complies
2	Solubility	Freely soluble in water; practically insoluble in ether	Complies
3	Identification	10% w/v solution gives reactions of sodium & citrate	Passes
4	Appearance of Solution	Clear and colourless	Passes
5	Acidity or Alkalinity	As per I.H.	Passes
6	pH	7.5 – 9.0	Passes
7	Arsenic	NMT 2 ppm	Passes
8	Heavy Metals	NMT 10 ppm	Passes
9	Chloride	NMT 100 ppm	Passes
10	Oxalate	NMT 300 ppm	Passes
11	Sulphate	NMT 150 ppm	Passes
12	Tartrate	As per I.H.	Passes
13	Readily Carbonisable Substances	As per I.H.	Passes
14	Water	11.0% – 13.0%	12.30%
15	Assay (on anhydrous basis)	99.0% – 101.0%	99.54%

Conclusion: The above batch complies with the specifications stated and is free from added fragrance, colour or other additives.

Storage: Store in a tightly closed container in a cool, dry place, protected from moisture.

For ASES Chemical Works

Rohan Singhvi
Authorized Signatory

This is a computer-generated certificate.